

3016648

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

This material contains information affecting the National Defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C. Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

S-E-C-R-E-T

25X1

COUNTRY	USSR	REPORT	
SUBJECT	Radar Aboard the Soviet Naval Training Vessel MS EKVATOR and Tanker MS GORKIY.	DATE DISTR.	6 November 1956
DATE OF INFO.		NO. OF PAGES	1
PLACE ACQUIRED		REFERENCE NO.	RD
DATE ACQUIRED		REFERENCES	This is UNEVALUATED Information

25X1

25X1

SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

report regarding radar installations on the Soviet naval training vessel MS EKVATOR, which shows the Neptun radar installed in the main navigation cabin on the bridge of the Neptun and **Stvor** radar installed in the navigation training room on the main deck of the MS EKVATOR, and a report about the Soviet tanker MS GORKIY, which shows the Neptun radar with a sketch of the instrument in the charthouse beside a wave guide from the Neptun array, as well as a sketch of the control panel in the wheelhouse of the MS GORKIY.

25X1

25X1

24 JAN 1957

S-E-C-R-E-T

25X1

25X1

25X1

STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC						
-------	---	------	---	------	---	-----	---	-----	--	-----	--	--	--	--	--	--

(Note: Washington distribution indicated by "X"; Field distribution by "#".)

INFORMATION REPORT INFORMATION REPORT

Approved For Release 2007/12/14 : CIA-RDP83-00418R006800080001-7

Page Denied

Approved For Release 2007/12/14 : CIA-RDP83-00418R006800080001-7

SECRET

[REDACTED] 25X1

[REDACTED] 25X1

U.S.S.R./NAVAL
Radar Installations on
Soviet Training Ship "Equator"

25X1

1. [REDACTED] the ship was in RIGA [REDACTED] fitted with 3 additional radar installations and 2 aerials.

25X1

2. One additional "NEPTUN" radar has been installed in the main navigation cabin on the bridge. It has a range of 10 to 30 miles [REDACTED]

25X1

[REDACTED] 25X1

3. One "NEPTUN" and one "STVOR" have been installed in the navigation training room on the main deck. [REDACTED]

25X1

UNCODED

[REDACTED] 25X1

4. The two new aerials are on the main mast. One is similar to the one over the bridge, described in a previous report and the other (presumably for the "STVOR") looks as follows when seen from the bridge:



5. In addition the ship was fitted with new gyro compasses and a new radio d.f. apparatus [REDACTED]

25X1

SECRET

[REDACTED] 25X1

SECRET

25X1

25X1

U.S.S.R.NAVAL/MARINESoviet Motor Tanker "GORKY"
(July 1956)

[redacted] the Soviet motor tanker "GORKY",

25X1

built at LENINGRAD in 1955, passed [redacted]
northbound, in ballast from VLADIVOSTOK to CONSTANZA.

25X1

2. She appeared to be identical with, and a sister vessel to, the "KHERSON" and "ASHKHAHAD".

3. A standard NEPTUN radar array was fitted [redacted]

25X1

25X1

The Chief Officer, PLATUNOV (f.n.u.), had a Russian edition of Captain WYLIE's book "The Use of Radar at Sea"; he complained that it should have been issued to the Russian Merchant Navy in 1952, when it was published, and not in 1956. He stated that no courses of instruction in radar are given at Soviet Marine Colleges, and that most Russian masters had very little idea how to get full benefit from a radar plot.

4. Degaussing leads were observed on the fore and after decks, and a control panel (see sketch "A") situated in the wheelhouse was thought to be related to the degaussing system.

5. It was seen that the wings of the bridge were strengthened in the usual fashion to enable gun platforms to be mounted on the upper bridge if necessary.

6. Next to the wave guide from the "NEPTUN" radar array in the chartroom a new fitting, the function of which is unknown, was seen to have been installed on a temporary bracket on the bulkhead (see sketch "B").

SECRET

/7.....

25X1

SECRET

25X1

- 2 -

att

25X1

7. No whip aerials were seen, but an efficient TADICU system operated throughout the ship.

8. All doors leading on to the open deck had automatic blackout switches, which appeared to have been newly fitted.

9. The master was Captain STURVA:

25X1

25X1

10. The Chief Officer, PLASHOV,

25X1

25X1

25X1

a "CORRY" class tanker contained in an album owned by the master of another Soviet tanker, the "JOSIF STALIN", it was seen that, viewed from ahead, the second bow-wave was slightly abaft the foremast: the vessel appeared to be fully loaded

25X1

25X1

SECRET

25X1

SKETCH "A" OF CONTROL PANEL IN WHEELHOUSE, M.T. "GORKY"
NOT TO SCALE

[illegible]

SECRET

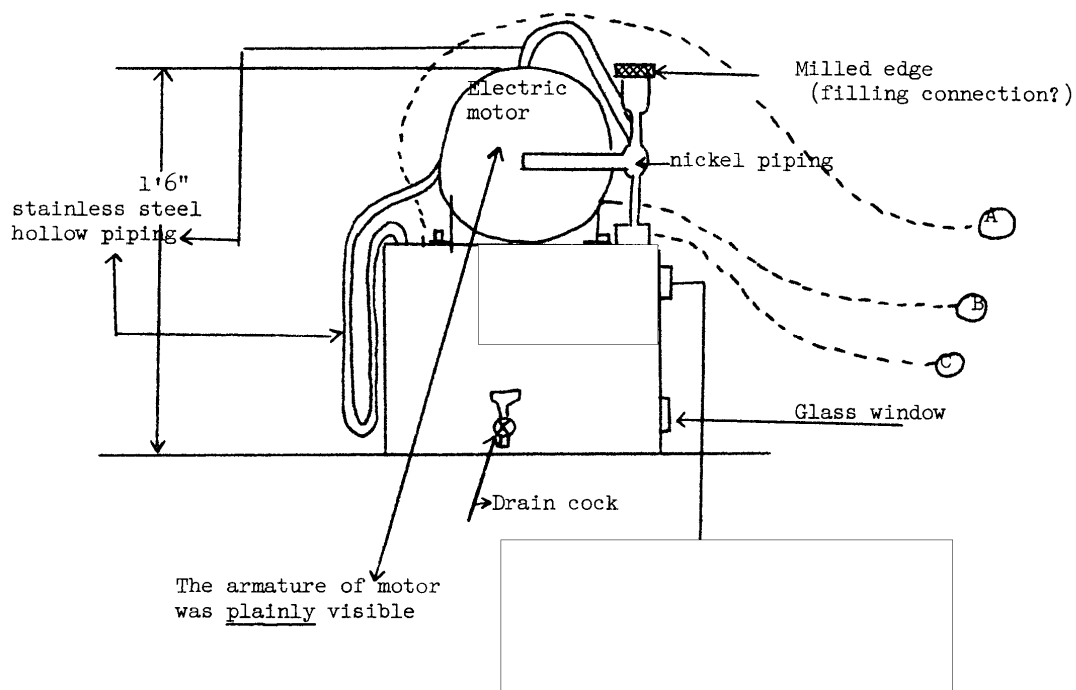
Approved For Release 2007/12/14 : CIA-RDP83-00418R006800080001-7

SECRET

SKETCH "B" OF INSTRUMENT IN CHARTROOM BESIDE WAVE GUIDE FROM "NEPTUN" ARRAY

(REAR VIEW OF INSTRUMENT, LOOKING FORWARD)

25X1



25X1

25X1

25X1

- (A) Black rubber tubing leading into deckhead beside wave guide
- (B) Black rubber tubing leading to junction box. (Power supply?)
- (C) Black rubber tubing leading to wave guide, and connected to same about 12" below deck head

The above instrument appeared to be a form of power driven pump or suppressor, and a new fitting as the supporting bracket was new, and the instrument was secured with log-line!

SECRET

25X1